



Kevin J. Roberson, Ph.D.
Department of Justice
Drug Enforcement Administration
Office of Forensic Science

Forensic Chemist
South Central Laboratory
Dallas, TX

AREA OF EXPERTISE

Forensic Discipline

Seized Drug Analysis

Expert Testimony

01/16/2024, El Paso, TX, U.S.A. v. Serrano Galaviz, EP-23-CR-623-DB

04/17/2024, Albuquerque, NM, U.S.A. v. Octavio Jiminez-Marquez, 1:23-CR-00032 WJ

PROFESSIONAL EXPERIENCE

DRUG ENFORCEMENT ADMINISTRATION

Forensic Chemist, South Central Laboratory, Dallas, TX, 2020-Present

Analyze evidence for the presence or absence of controlled substances.

Provide testimony in court as needed.

Support law enforcement.

Training

Drug Enforcement Administration (DEA) Basic Forensic Class #18, (Quantico, VA), 2020.

Drug Enforcement Administration (DEA) Basic Clandestine Laboratory Technician Course No. 85, (Quantico, VA), 2022.

Kraev Laboratories, LLC.

Founder/ CEO, New Orleans, LA, August 2014-August 2020

Managed a team of engineers, scientists, and interns in research and development.

Developed lubricants for oil and gas recovery.

Developed the SOPs for routine analysis.

Grambling State University

Assistant Professor, Department of Chemistry, Grambling, LA, August 2017-August 2020

Instructed general chemistry and organic chemistry lecture and laboratory courses.

Trained students on Ultraviolet-visible spectroscopy (UV-vis), Gas Chromatography Mass Spectrometry (GCMS), and Fourier Transform Infrared Spectroscopy (FTIR) to characterized synthesized products.

Assisted with establishing internship opportunity for forensic chemistry students at the Northwest Crime Lab.

Training

University of Louisiana System (ULS) Management & Leadership Institute, ULS, LA 2019-2020

Dillard University

Visiting Professor, Department of Chemistry, New Orleans, LA, August 2014-May 2017

Instructed general chemistry, quantitative analysis, and instrumental analysis courses

Performed maintenance on GC, LC and UV-vis as needed in the laboratory.

Developed standard operating procedures (SOPs) for instrumentation in the laboratory.

EDUCATION AND CERTIFICATIONS

Louisiana State University, Baton Rouge, LA

Doctorate of Philosophy, 2014

Bio-Analytical Chemistry, Dissertation: Reductive Methylation of Proteins towards Structural and Biological Applications

Georgia Southern University, Statesboro, GA

Bachelor of Science, 2007

Chemistry, American Chemical Society (ACS) Certified

PROFESSIONAL AFFILIATIONS

National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE), Member, 2007-Present

American Chemical Society, Member, 2003-Present

PRESENTATIONS AND LECTURES

Kevin J. Roberson, Michelle M. Sweeney, and Megan Macnaughtan. Method to Identify the NMR Resonances of the ^{13}C -Methyl N-terminal Amine on Reductively Methylated Proteins. Southwest Regional Meeting of the American Chemical Society, Baton Rouge, LA, 2012 Nov.: Poster

Kevin J. Roberson and Megan Macnaughtan. Mass Spectrometry Assisted Assignment of NMR Resonances in Reductively ^{13}C -Methylated Proteins. Analytical Chemistry Seminar, Baton Rouge, LA. 2012 Nov.: Invite

Kevin J. Roberson and Megan Macnaughtan. Protecting Agent as a Means to Unambiguously Assign ^{13}C -Methyl NMR Resonances. Southeast Magnetic Resonance Conference. Gainesville, FL. 2010 Oct.: Poster

Kevin J. Roberson and Megan Macnaughtan. Breaking the Degeneracy of Reductive ^{13}C -Methylation of Proteins for NMR Assignment. Summer in Biophysics at UT/ORNL: Computational and Experimental Challenges. Knoxville, TN. 2010 July: Poster